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**FAX FILING IN U.S. PATENT & TRADEMARK OFFICE**

 DATE: August 22, 2005

TIME: \_\_\_\_\_

TO:	Refund Branch	FAX NO.:	571-273-6500
FROM:	Christopher R. Lewis	ADMIN. ASST.:	Lisa Bennett
APPLN. NO.:	10/516,482	ATTY. DOCKET NO.:	JMYT-337US
TITLE OF APPLN.: SEPARATION OF PLATINUM GROUP METALS			
FILING DATE:	June 10, 2005	ART UNIT:	1762
FIRST INVENTOR:	John M. Gascoyne	CONF. NO.:	2843
TITLE OF DOCUMENT (and List of Attachments): Transmittal Form; Request for Refund;			
Copy of August 2005 Deposit Account Statement; and Copy of Amendment filed November 30, 2005			

 Total Number of Pages: **11** (including this form)

**COMMENTS**
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PTO/SB/21 (08-04) (AW 10/2004)

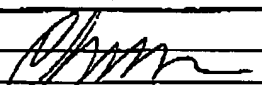
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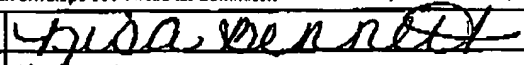
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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	10/516,482
	Filing Date	June 2, 2005
	First Named Inventor	John Malcolm Gascoyne
	Art Unit	1782
	Examiner Name	Brian K. Talbot
Total Number of Pages in This Submission 10	Attorney Docket No.	JMYT-337US

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/Declaration(s)	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
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<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input checked="" type="checkbox"/> Request for Refund	Copy of August 2005 Deposit Account Statement showing charge
	<input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	Copy of Amendment filed November 30, 2005
Remarks:		

SIGNATURE OF APPLICANT, ATTORNEY OR AGENT			
Firm Name	RatnerPrestita		
Signature			
Printed Name	Christopher R. Lewis		
Date	August 22, 2005	Registration No.	36,201

CERTIFICATE OF TRANSMISSION / MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Signature			
Typed or Printed Name	Lisa Bennett	Date	August 22, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1460, ALEXANDRIA, VA 22313-1460.

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JMYT-337US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

☒ In re Appln. No: 10/516,482  
Applicants: John Malcolm Gascoyne et al.  
Filed: June 2, 2005  
Title: MANUFACTURE OF A GAS DIFFUSION ELECTRODE  
TC/A.U.: 1762  
Examiner: Brian K. Talbot  
Docket No.: JMYT-337US

OR

☐ Patent No:  
Issued:

**REQUEST FOR REFUND**  
(Improper Charge of Deposit Account)

Mail Stop 16  
Director of the U.S. Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**I. REFUND REQUEST**

This is a request for refund with respect to the charge to Deposit Account No. 18-0350 shown on the statement dated August 2005 for the above-identified ☒ application/☐ patent.

☒ Accompanying this request is a copy of the monthly statement on which the referred error is listed.

Adjustment Date: 10/12/2005 SDIRETA1  
08/11/2005 BHINES 00000002 180350 10516482  
01 FC:1202 72.00 CR

JMYT-337US

**II. FEES CHARGED FOR WHICH REFUND IS REQUESTED**

		Amount of Refund Requested	
<input type="checkbox"/>	Filing Fee	\$	0
<input type="checkbox"/>	Surcharge for filing the basic filing fee on a date later than the filing date of the application (37 CFR 1.16(e))	\$	0
<b>AND/OR</b>			
<input type="checkbox"/>	Surcharge for filing the oath or declaration on a date later than the filing date of the application (37 CFR 1.16(e))	\$	0
<input type="checkbox"/>	Extension of time - months	\$	0
<input checked="" type="checkbox"/>	Excess claims	\$	72
<input type="checkbox"/>	Issue Fee	\$	0
<input type="checkbox"/>	Petition Fee	\$	0
<input type="checkbox"/>	Patent Maintenance Fee - year	\$	0
<input type="checkbox"/>	Patent Maintenance Fee Surcharge	\$	0
<input type="checkbox"/>	Other (please explain)	\$	0
<b>TOTAL REFUND REQUESTED</b>		\$	72

**III. EXPLANATION OF WHY CONTESTED CHARGE IS IN ERROR**

The fee of \$72 (for four (4) claims in excess of twenty (20)) was charged to Deposit Account No. 18-0350, in August 2005, for the above-identified application. A copy of the Deposit Account Statement is enclosed.

A Preliminary Amendment (copy enclosed) was filed in this application on November 30, 2004. As indicated in the Preliminary Amendment, this application contains a total of twelve (12) claims, two (2) of which are independent.

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As the total number of claims in this application does not exceed twenty (20), and there are less than three (3) independent claims, no additional fees were due in this application. Accordingly, a refund of the charge of (\$72) is respectfully requested.

**IV. MANNER OF REFUND**

Please make refund by:

- ☒ crediting Deposit Account No. 18-0350.  
☐ refunding payment.

Respectfully submitted,

  
\_\_\_\_\_  
Christopher R. Lewis, Reg. No. 36,201  
Attorney for Applicants

CRL/lrb

- ☒ Attachments: Copy of the monthly statement on which the referred error is listed  
Copy of Preliminary Amendment filed November 30, 2005

Dated: August 22, 2005

P.O. Box 980  
Valley Forge, PA 19482-0980  
(610) 407-0700

**CERTIFICATION OF FACSIMILE TRANSMISSION**

I hereby certify that, on the date shown below, this correspondence is being facsimile transmitted to the Patent and Trademark Office at 571-273-6500.

Date: August 22, 2005  
\_\_\_\_\_  
Lisa Bennett

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Trademark Office**

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**Deposit Account Statement**

Requested Statement Month: August 2005  
Deposit Account Number: 180350  
Name: RATNER AND PRESTIA  
Attention:  
Address: P O BOX 980  
City: VALLEY FORGE  
State: PA  
Zip: 19482  
Country: UNITED STATES OF AMERICA

DATE	SEQ	POSTING REF TXT	ATTORNEY DOCKET NBR	FEE CODE	AMT	BAL
08/01	3	10389043	NTP-110US	1806	\$180.00	\$17,879.13
08/01	5	09767635	MAT-194 US	1201	\$200.00	\$17,679.13
08/02	233	10867729	MAK-107US	8007	\$20.00	\$17,659.13
08/04	23	10525059	MAT-8656US	1633	-\$100.00	\$17,759.13
08/09	351	PCT/US05/26773	SAR 15082PCT	1602	\$700.00	\$17,059.13
✓ 08/11	2	10516482	JMYT-337US	1202	\$72.00	\$16,987.13
08/11	97	78584755	ITFT-BG291US	8507	\$45.00	\$16,942.13
08/11	98	78609039	ITFT-BG291US	8507	\$45.00	\$16,897.13
08/16	56	11026008	K & S -130US	1463	\$200.00	\$16,697.13
08/16	60	60587761	K&S-137US	8007	\$20.00	\$16,677.13
		START BALANCE	SUM OF CHARGES	SUM OF REPLENISH	END BALANCE	
		\$18,059.13	\$1,482.00	\$100.00	\$16,677.13	

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JMYT-334US

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No: To Be Assigned  
Applicants: Laurence Moine et al.  
Filed: Herewith  
Title: SEPARATION OF PLATINUM GROUP METALS  
TC/A.U.:  
Examiner:  
Confirmation No.:  
Docket No.: JMYT-334US

### PRELIMINARY AMENDMENT

Mall Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Prior to examination, please amend the above-identified application as follows:

- ☐ Amendments to the Specification begin on page of this paper.
- ☒ Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.
- ☐ Amendments to the Drawings begin on page of this paper and include an attached replacement sheet(s).
- ☐ Amendments to the Abstract are on page of this paper. A clean version of the Abstract is on page of this paper.
- ☒ Remarks/Arguments begin on page 5 of this paper.

Page 1 of 5

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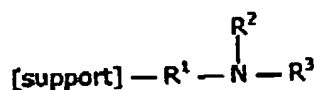
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**Amendments to the Claims:** This listing of claims will replace all prior versions, and listings, of claims in the application

**Listing of Claims:**

1. (Currently Amended) A process for the chromatographic interseparation of rhodium in admixture with ruthenium and at least one base metal from a feed solution comprising complexes of these metals, the process comprising contacting the solution with at least one chromatographic medium, ~~the steps of ensuring that the ruthenium is present as a nitrosyl complex prior to, or whilst in contact with the medium and eluting one or more fractions such that at least one fraction comprises rhodium complex substantially free from base metal contamination and at least one fraction comprises substantially pure ruthenium complex,~~ wherein the at least one chromatography medium comprises a support functionalised with substituted monoamine groups, and wherein the monoamine groups further comprise at least one hydrophilic group.
2. (Original) A process according to claim 1, wherein the at least one hydrophilic group comprises a group chosen from alcohol, ether, carboxylic acid, ester, sulphone and amide, and of which may be branched or unbranched, substituted or unsubstituted.
3. (Currently Amended) A process according to claim 1 ~~or claim 2~~, wherein the at least one medium further comprises the following structural formula;



wherein,  $\text{R}^1$  is a single bond or a group chosen from alkyl, aryl, alkyl-aryl, alcohol, ether, carboxylic acid, ester, sulphone and amide, any of which may be branched or unbranched, substituted or unsubstituted; and wherein  $\text{R}^2$  and  $\text{R}^3$  may be the same or different, or together form a cyclic group, and are chosen from the group comprising hydrogen, alkyl, aryl, alkyl-aryl, alcohol, ether, carboxylic acid, ester, sulphone and amide, any of which may be branched or unbranched, substituted or unsubstituted, provided that at least one of  $\text{R}^1$ ,  $\text{R}^2$  and  $\text{R}^3$  comprises a group chosen from alcohol, ether, carboxylic acid, ester, sulphone and amide.

4. (Currently Amended) A process according to ~~any preceding claim 1~~, wherein the support comprises a polymer ~~chosen from~~; selected from the group consisting of methacrylate moieties,

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styrene moieties, poly(ethylene glycol) moieties, acrylamide moieties ~~or~~ and any combination or mixture thereof.

5. (Currently Amended) A process according to any of claim ~~1 to 3~~, wherein the support comprises an inorganic support ~~chosen from~~ selected from the group consisting of silica, alumina and zirconia.

6. (Currently Amended) A process according to ~~any preceding~~ claim 1, wherein the at least one medium is in the form of a gel, porous solid or fibre.

7. (Currently Amended) A process according to ~~any preceding~~ claim 1, wherein the feed solution further comprises a complex of Iridium, and wherein the process further comprises the steps of ensuring that the Iridium is present in ~~the~~ a tetravalent oxidation state whilst in contact with the medium; subsequently reducing the Iridium to ~~the~~ a trivalent oxidation state; and eluting at least one fraction comprising substantially pure Iridium complex.

8. (Currently Amended) A process according to ~~any preceding~~ claim 1, wherein the feed solution further comprises a complex of platinum, and wherein the process further comprises the steps of ensuring that the platinum is present in ~~the~~ a tetravalent oxidation state whilst in contact with the medium; and eluting at least one fraction comprising substantially pure platinum complex.

9. (Currently Amended) A process according to ~~any preceding~~ claim 1, wherein the feed solution further comprises a complex of palladium, and wherein the process further comprises the step of removing the palladium from the solution prior to contacting the solution with the medium.

10. (Currently Amended) A process according to any of ~~claims 1 to 8~~ claim 1, wherein the feed solution further comprises a complex of palladium, and wherein the process further comprises the step of eluting at least one fraction comprising palladium complex.

11. (Currently Amended) A process for the chromatographic interseparation of platinum in admixture with rhodium and at least one base metal from a feed solution comprising complexes of these metals, the process comprising contacting the solution with at least one chromatographic medium~~[[,]]~~; and eluting one or more fractions such that at least one fraction comprises platinum complex substantially free from base metal contamination, ~~wherein the at~~

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least one chromatography medium comprises a support functionalised with substituted monoamine groups<sub>7a</sub>, wherein the monoamine groups ~~further~~ comprise at least one hydrophilic group<sub>7a</sub> and wherein platinum complex is eluted using a base.

12. (Currently Amended) A process according to claim 11, wherein the base comprises an alkali metal or alkaline earth metal hydroxide, and a carbonate or bicarbonate.

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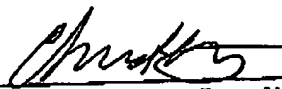
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**Remarks/Arguments:**

Claims 1-12 and the pending claims in this application.

Respectfully submitted,

  
\_\_\_\_\_  
Christopher R. Lewis, Reg. No. 36,201  
Christian M. Bauer, Reg. No. 51,443  
Attorneys for Applicants

CMB/lrb

Dated: November 30, 2004

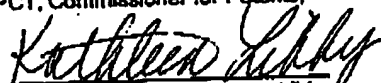
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Date of Deposit: **November 30, 2004**

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\_\_\_\_\_  
Kathleen Libby

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